

20021023.ba v03_n406.bam.20021023

>From ???@??? Wed Oct 23 11:13:09 2002 -0600
Message-Id: <200210231613.g9NGCv2a015905@sco.theporch.com>
Date: Wed, 23 Oct 2002 11:12:37 CDT
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 3406

BOATANCHORS Digest 3406

Topics covered in this issue include:

- 1) Re: Cap value
by jackiv@juno.com
- 2) Re: Cap value
by John Kolb <jlkolb@cts.com>
- 3) Re: Cap value CORRECTIONNNN
by jackiv@juno.com
- 4) Re: FS/FT Hickok 870
by WA5CAB@cs.com
- 5) COLLINS SPEAKER LAMPS
by jackiv@juno.com
- 6) WTB Tek plugin
by Morris Odell <MorrisO@vifp.monash.edu.au>
- 7) Off topic!
by "Sandy, W5TVW" <ebjr@i-55.com>
- 8) Exact Manual Wanted
by Don Reaves W5OR <w5or@comcast.net>
- 9) Re: Cap value
by Arden Allen <gumbear@pacbell.net>
- 10) FS: RCS-8V, Headsets, PRC-74 antenna, SRT-14 ops manual, RTTY Magazine
by "Merz Donald S" <merz.ds@mellon.com>
- 11) Re: Off topic!
by "russ dworakowski" <wb3fau@hotmail.com>
- 12) Collins 32RA Transmitter
by W7QH0@aol.com
- 13) Cutting Meter Holes
by "Merz Donald S" <merz.ds@mellon.com>
- 14) Re: Cutting Meter Holes
by "Sandy, W5TVW" <ebjr@i-55.com>
- 15) Need TS-164/AR Case
by "Merz Donald S" <merz.ds@mellon.com>
- 16) Re: Cutting Meter Holes
by Bob Roehrig <broehrig@aurora.edu>
- 17) Re: Meter holese
by Dan Arney <hankarn@pacbell.net>
- 18) Fw: Cutting Meter Holes

by "James L. Troe" <troe@netcarrier.com>

To: Old Tube Radios <boatanchors@theporch.com>
Cc: boatanchors@theporch.com
Date: Mon, 21 Oct 2002 13:58:19 -0500
Subject: Re: Cap value
Message-ID: <20021021.135820.3136.1.jackiv@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
From: jackiv@juno.com

One more item on this ceramic cap--
MDC is MIADA DEVELOPMENT CORP. Web site: miada.com
They list all of the ceramics there.
This, being unmarked may be a 50 volt unit.
yes it is 1000pf, K the toleramce.
the Z5F is the powder characteristics used for molding the ceramic.

(Thanks to Terrence Noone of Chicago Capacitors..)
jack jackiv@juno.com

On Mon, 21 Oct 2002 20:27:23 +1000 "Brian Goldsmith"
<brian.goldsmith@echo1.com.au> writes:
>
>
> ----- Original Message -----
> From: "John Kolb"
> I'd like to cast a disenting vote.I've never heard of Z5F ceramic,
>
> *****Greetings to all.John may never have heard of it but it
> certainly
> exists.Z5F is a common or garden type of ceramic capacitor mainly
> used in
> bypass applications.There is a family of these non linear
> temperature
> coefficient capacitors that use a three digit code to indicate
> their
> operating temperature range and their stability over that range. In
> the
> following table,the first character indicates minimum operating
> temperature,the second,maximum temperature and the third gives the
> stability
> over this temperature range.
>
> 1st Character Min. Temp.oC

>		
>	X	-55
>	Y	-30
>	Z	+10
>		
>	2nd Character	Max. Temp.oC
>		
>	5	+85
>	7	+125
>		
>	3rd Character	Stability (%)
>		
>	F	+/- 7.5
>	P	+/- 10
>	R	+/- 15
>	S	+/- 22
>	T	+ 22/-33
>	U	+ 22/-56
>	V	+22/-82

> Thus a capacitor marked Z5F has a minimum temperature of + 10 C,a
> maximum
> temperature of +85 C and it exhibits a stability of +/-7.5 % over
> that
> temperature range.

> Hope this helps,Brian Goldsmith.

Date: Mon, 21 Oct 2002 12:06:29 -0700 (PDT)
From: John Kolb <jlkolb@cts.com>
To: Old Tube Radios <boatanchors@theporch.com>
cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Cap value
Message-ID: <Pine.BSF.4.44.0210211205100.70972-100000@king.cts.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well, I guess I look like an idiot with my
> > I'd like to cast a dissenting vote.I've never heard of Z5F ceramic,
but at least I kept the topic open until the full
answer came out :)

John

On Mon, 21 Oct 2002 jackiv@juno.com wrote:

> One more item on this ceramic cap--
> MDC is MIADA DEVELOPMENT CORP. Web site: miada.com
> They list all of the ceramics there.
> This, being unmarked may be a 50 volt unit.
> yes it is 1000pf, K the toleramce.
> the Z5F is the powder characteristics used for molding the ceramic.
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> > temperature,the second,maximum temperature and the third gives the
> > stability
> > over this temperature range.
> >
> > 1st Character Min. Temp.oC
> >
> > X -55
> > Y -30
> > Z +10
> >
> > 2nd Character Max. Temp.oC
> >
> > 5 +85
> > 7 +125
> >

> >	3rd Character	Stability (%)
> >		
> >	F	+/- 7.5
> >	P	+/- 10
> >	R	+/- 15
> >	S	+/- 22
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> >	U	+ 22/-56
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> >	maximum	
> >	temperature of +85 C and it exhibits a stability of +/-7.5 % over	
> >	that	
> >	temperature range.	
> >		
> >	Hope this helps, Brian Goldsmith.	
> >		
> >		
> >		
>		
>		

To: Old Tube Radios <boatanchors@theporch.com>
Cc: boatanchors@theporch.com
Date: Mon, 21 Oct 2002 14:10:54 -0500
Subject: Re: Cap value CORRECTIONNNNN
Message-ID: <20021021.141055.3136.2.jackiv@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
From: jackiv@juno.com

THE SPELLING IS MAIDA NOT MIADA sorri kids
On Mon, 21 Oct 2002 13:58:19 -0500 jackiv@juno.com writes:
> One more item on this ceramic cap--
> MDC is MIADA DEVELOPMENT CORP. Web site: miada.com
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> the Z5F is the powder characteristics used for molding the ceramic.
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> (Thanks to Terrence Noone of Chicago Capacitors..)
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> On Mon, 21 Oct 2002 20:27:23 +1000 "Brian Goldsmith"

```

> <brian.goldsmith@echo1.com.au> writes:
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> >      1st Character      Min. Temp.oC
> >
> >      X                      -55
> >      Y                      -30
> >      Z                      +10
> >
> >      2nd Character      Max. Temp.oC
> >
> >      5                      +85
> >      7                      +125
> >
> >      3rd Character      Stability (%)
> >
> >      F                      +/- 7.5
> >      P                      +/- 10
> >      R                      +/- 15
> >      S                      +/- 22
> >      T                      + 22/-33
> >      U                      + 22/-56
> >      V                      +22/-82
> >
> > Thus a capacitor marked Z5F has a minimum temperature of + 10 C,a

```

>
> > maximum
> > temperature of +85 C and it exhibits a stability of +/-7.5 %
> over
> > that
> > temperature range.

> >

> > Hope this helps,Brian Goldsmith.

> >

> >

> >

>

>

>

From: WA5CAB@cs.com

Message-ID: <6.8136d9.2ae5af01@cs.com>

Date: Mon, 21 Oct 2002 15:26:57 EDT

Subject: Re: FS/FT Hickok 870

To: Old Tube Radios <boatanchors@theporch.com>

MIME-Version: 1.0

Content-Type: multipart/alternative; boundary="part1_6.8136d9.2ae5af01_boundary"

--part1_6.8136d9.2ae5af01_boundary

Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

Group,

Along with the Model 19, another stray that came in out of the rain Saturday night is a very nice condition Hickock Model 870 Transistor Tester (hey, it uses four vacuum tubes!). Includes manual. Available free for local pickup or for a nominal \$25 plus shipping if I have to pack and ship it. Untested. Belonged to a local Ham club that was being sorta evicted and doesn't look like it was ever used much. Internal nicads will probably have to be replaced.

73

Robert Downs

Houston

<WA5CAB@cs.com>

--part1_6.8136d9.2ae5af01_boundary

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

* * * * *
* ---REMAINDER OF MESSAGE TRUNCATED--- *
* This post contains a forbidden message format *
* (such as an attached file, a v-card, HTML formatting) *
* Mail Lists at theporch.com only accept PLAIN TEXT *
* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *

--part1_6.8136d9.2ae5af01_boundary--

To: Old Tube Radios <boatanchors@theporch.com>
Date: Mon, 21 Oct 2002 17:29:29 -0500
Subject: COLLINS SPEAKER LAMPS
Message-ID: <20021021.173001.3008.0.jackiv@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
From: jackiv@juno.com

Can some one give me the wattage and dimensions of the lamp used on some
Collins speakers.
Thanks..
Jack jackiv@juno.com

Message-ID:
<07A064EA6042D4118A62009027F70E77182295@nt_exchange.vifp.monash.edu.au>
From: Morris Odell <Morris0@vifp.monash.edu.au>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: WTB Tek plugin
Date: Tue, 22 Oct 2002 12:08:32 +1000
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Hi all,

I'm looking for a Tek 1S2 plugin. Does anyone have an unloved one they
would't mind parting with??

73,

Morris

Message-ID: <001601c27970\$40a44280\$07a2cdd1@ebjr>

From: "Sandy, W5TVW" <ebjir@i-55.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Off topic!
Date: Mon, 21 Oct 2002 21:10:34 -0500
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I want to get another color injet printer. Something that will do a good job on photos and also text. Ink cartridges must have a long life and not be outrageously priced!
I have a Lexmark Z32 now and it goes thru cartridges like crazy! Too expensive to use!
Any suggestions? Please rely to me and not the reflector!
73,
Sandy W5TVW

Date: Tue, 22 Oct 2002 00:45:52 -0500
From: Don Reaves W5OR <w5or@comcast.net>
Subject: Exact Manual Wanted
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <GDEHIALJFKJECMCBANPPKEMHDKAA.w5or@comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Exact Electronics Voltage Calibrator Type 100 Voltage Calibrator needs it's documentation. I need to put this meter to work, but the former owner (NASA?) made some mods that needs reversing.

This is a 1KC or DC output source, 9 tubes, very compact.

Can't find anything on the net about Exact Electronics whereabouts.

Date: Tue, 22 Oct 2002 01:37:20 -0700
From: Arden Allen <gumbear@pacbell.net>
Subject: Re: Cap value
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <002101c279a6\$50c44fd0\$83e57443@KB6NAX>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7bit

One for the printer, Brian. Thanks!

Arden Allen
KB6NAX
gumbear@pacbell.net

+++++

> 1st Character	Min. Temp.oC
> X	-55
> Y	-30
> Z	+10

> 2nd Character	Max. Temp.oC
> 5	+85
> 7	+125

> 3rd Character	Stability (%)
> F	+/- 7.5
> P	+/- 10
> R	+/- 15
> S	+/- 22
> T	+ 22/-33
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> Thus a capacitor marked Z5F has a minimum temperature of + 10 C,a maximum
> temperature of +85 C and it exhibits a stability of +/-7.5 % over that
> temperature range.

> Hope this helps,Brian Goldsmith.

Message-ID: <20021022140224.17014.qmail@mellon.com>
content-class: urn:content-classes:message
Subject: FS: RCS-8V, Headsets, PRC-74 antenna, SRT-14 ops manual, RTTY Magazine
Date: Tue, 22 Oct 2002 10:03:59 -0400
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable
From: "Merz Donald S" <merz.ds@mellon.com>
To: Old Tube Radios <boatanchors@theporch.com>

For Sale

Ameritron/MFJ RCS-8V remote antenna switch. This is a 5-position coax = switch designed to be remotely mounted with the control head in the = shack. Requires 5-conductor or 6-conductor rotator cable for linking = switch to head. Brand new in original box with original manual and = mounting hardware. Never used. \$80

Tweezer tips for a resistance-soldering outfit. Contact brand, model = T-10. Used but in excellent condition. \$10

PRC-74 loaded whip antenna AS-1887A/PRC-74. This is a 3.5mc to 18mc = sectional whip with the adjustable coil load in the second section. All = sections are joined by a cable running through them so assembly is a = snap. Full whip is about 10 feet tall. Made by Hughes Aircraft Co. Brand = new but not in original packaging. Original paint and instructions = silk-screening in perfect shape. Color is olive drab. An outstanding HF = whip antenna. \$40

Four Old Headsets. These are typical headphones from the battery-set = era. All have cloth cords with pin-jacks. All are in various stages of = disrepair. \$27 for all shipped to your door. There are 4 sets: Brandes = Matched-Tone in excellent cosmetic shape but with one coil bad, = Cannonball Dixie with good cord, el-cheapo metal headband and one = non-working side, Tower Scientific Navy Type, looks good but untested, = and WLS Special Headset 3000 ohms, dirty with chip in one earpiece, = untested.

Navships 92121.2 Operators Handbook For Radio Transmitters AN/SRT-14, = -15, -16 and "A" models, Federal Telegraph and Radio, 1955. This is an = operators handbook only. There is no technical data or repair = information. It has the original covers and is full of great photos. = About 40 pages. Excellent condition. \$15

"Ham RTTY", a book published by Wayne Green in 1963. 112 pages. This is = a great reference to early RTTY with lots of diagrams and photos of all = the old gear and original ham RTTY TU designs. The covers on this copy = are in bad shape. But it is otherwise good and usable. \$11 PPD

RTTY Magazine. Yes, I know these are out on CD but some of us still love = the old paper issues. There are 57 issues here. All for \$45 PPD.

1958: 1,2,3,8,11,12

1959: 3,4,5,7,8,9,10,11,12

1960: 1,2,4,5,6,7,8,9,10,11,12

1961: 1,2,6,7,8,9,11

1962: 1,3,4,5,6,8,9,10,11,12

1963: 2,3,4,5,6,9,10,11

1964: 4,10

1965: 3,5,6,7,8,9,11

Thanks.

73, Don Merz, N3RHT

From: "russ dworakowski" <wb3fau@hotmail.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Off topic!
Date: Tue, 22 Oct 2002 10:51:51 -0400
Mime-Version: 1.0
Content-Type: text/plain; format=flowed
Message-ID: <F111F38vDcY1SFWZbn50000cda5@hotmail.com>

Sandy, H-P [Hewlett-Packard} has ink jet printers with larger cartridges. The price of these is good. Mine is an outdated HP 722C, but it has the larger carts. My kids H-P printers, [I don't know the model number] have those smaller carts. So you need to shop around and check for these features. Lexmark is highly competitive and may be what you want for a better price? Russ.

>From: "Sandy, W5TVW" <ebjr@i-55.com>
>Reply-To: ebjr@i-55.com
>To: Old Tube Radios <boatanchors@theporch.com>
>Subject: Off topic!
>Date: Mon, 21 Oct 2002 21:10:34 -0500
>
>I want to get another color injet printer. Something that will do a good
>job on
>photos
>and also text. Ink cartridges must have a long life and not be
>outrageously priced!
>I have a Lexmark Z32 now and it goes thru cartridges like crazy! Too
>expensive to
>use!
>Any suggestions? Please rely to me and not the reflector!
>73,
>Sandy W5TVW

Internet access plans that fit your lifestyle -- join MSN.

<http://resourcecenter.msn.com/access/plans/default.asp>

From: W7QHO@aol.com
Message-ID: <125.18bbc09e.2ae75934@aol.com>
Date: Tue, 22 Oct 2002 21:45:24 EDT
Subject: Collins 32RA Transmitter
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="part1_125.18bbc09e.2ae75934_boundary"

--part1_125.18bbc09e.2ae75934_boundary
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

All,

Looking for information on the Collins 32RA transmitter. This is an HF rig designed to operate on 4 xtal (or ECO) fixed tuned channels in the range 1.5 to 20 MHz. Three 807s in parallel in the PA modulated by four 6L6s operating push-pull parallel. The earliest reference I have been able to find is a 1939 QST advertisement, and I have been told that the rig was included in the Collins product line into the early 60s. I have also been told that many units appeared in MARS channels in the 50s. I would be grateful for any information on production life, quantities, models, military/government and civilian usage and anything else readers might wish to pass along. I have an original manual, BTW.

I am currently restoring one of these transmitters at the Ft. MacArthur Museum in San Pedro, CA. The rig was used there in WW2 with a BC-779 receiver to communicate with a HQ element in San Bernardino, CA. Also plan to do an article for ER.

Pictures available on request.

Dennis D. W7QHO
Glendale, CA

--part1_125.18bbc09e.2ae75934_boundary
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * *
* ---REMAINDER OF MESSAGE TRUNCATED--- *
* This post contains a forbidden message format *
* (such as an attached file, a v-card, HTML formatting) *

* Mail Lists at theporch.com only accept PLAIN TEXT *
* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *

--part1_125.18bbc09e.2ae75934_boundary--

Message-ID: <20021023151029.2553.qmail@mellon.com>
content-class: urn:content-classes:message
Subject: Cutting Meter Holes
Date: Wed, 23 Oct 2002 11:12:06 -0400
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable
From: "Merz Donald S" <merz.ds@mellon.com>
To: Old Tube Radios <boatanchors@theporch.com>

Question: How do you cut meter holes in panels, particularly heavy-gauge =
steel? I sometimes have to do this for restoration work and I dread it. =
I have been using my trusty saber-saw and blade-after-blade. Now I have =
3 more holes to cut in 2 steel panels and I really don't want to do it. =
Is there a better way?

Message-ID: <001101c27aa8\$1008c5e0\$729ecdd1@ebjr>
From: "Sandy, W5TVW" <ebjr@i-55.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Cutting Meter Holes
Date: Wed, 23 Oct 2002 10:22:54 -0500
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

In the past, I have been drilling a series of holes around a circle, the outer
edges
of holes tangent to the perimeter of meter hole. I use a large pair of diagonal
cutters to remove
the "center slug" then smooth the rest of the job out with a combination of a
large
coarse half round file and 1.5" or so coarse sanding drum.

This is ONLY if I don't have the proper sized Greenlee punch OR the panel is too
thick for
the punches to handle safely.

Anyway, it ain't any fun! Lighter gauge steel panels a cinch (heavy sheet metal) but

thicker rack panels are really a "bear" no matter which way you cut it.

73,

Sandy W5TVW

----- Original Message -----

From: "Merz Donald S" <merz.ds@mellon.com>

To: "Old Tube Radios" <boatanchors@theporch.com>

Sent: Wednesday, October 23, 2002 10:12 AM

Subject: Cutting Meter Holes

| Question: How do you cut meter holes in panels, particularly heavy-gauge steel?

I

sometimes have to do this for restoration work and I dread it. I have been using my

trusty saber-saw and blade-after-blade. Now I have 3 more holes to cut in 2 steel panels and I really don't want to do it. Is there a better way?

|

|

Message-ID: <20021023152305.14620.qmail@mellon.com>

content-class: urn:content-classes:message

Subject: Need TS-164/AR Case

Date: Wed, 23 Oct 2002 11:24:37 -0400

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: quoted-printable

From: "Merz Donald S" <merz.ds@mellon.com>

To: Old Tube Radios <boatanchors@theporch.com>

I recently picked up a nice homebrew 80M/40M VFO built on the front =
panel (and using the tuning cap and mechanism) of a BC-221 frequency =
meter. But there is no case. I don't want to use one of those wooden or =
metal BC-221 cases with the handle on top. But a cabinet from a =
TS-164/AR would be perfect. The TS-164/AR was a cabinet for an airborne =
BC-221 that was designed to take its power from an outside source--like =
a BC-348 receiver.=20

SO if anyone has a TS-164/AR case that they can let go of, I would =
appreciate hearing from you. It can even be hacked and drilled since =
this is homebrew!

Thanks.

73, Don Merz, N3RHT

Date: Wed, 23 Oct 2002 10:52:34 -0500 (CDT)
From: Bob Roehrig <broehrig@aurora.edu>
To: Old Tube Radios <boatanchors@theporch.com>
cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Cutting Meter Holes
Message-ID: <Pine.OSF.4.43.0210231051460.498343-100000@mail.aurora.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 23 Oct 2002, Merz Donald S wrote:

> Question: How do you cut meter holes in panels, particularly heavy-gauge
> steel? I sometimes have to do this for restoration work and I dread it.
> I have been using my trusty saber-saw and blade-after-blade. Now I have
> 3 more holes to cut in 2 steel panels and I really don't want to do it.
> Is there a better way?

I hate steel panels myself, but I use a device called a "fly cutter" in a hand brace. Not sure who makes them.

Bob Roehrig
Aurora University Telecom/IS dept.
broehrig@aurora.edu
73 de K9EUI

Date: Wed, 23 Oct 2002 09:02:28 -0700
From: Dan Arney <hankarn@pacbell.net>
Subject: Re: Meter holese
To: Old Tube Radios <boatanchors@theporch.com>
Cc: Old Tube Radios <boatanchors@theporch.com>
Message-id: <3DB6C814.65C1B471@pacbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Try a metal working shop. They will have heavy duty punches to do the heavy stuff that a Greenlee will not do.

Hank
KN6DI

Message-ID: <001601c27aaf\$560922e0\$7f57b2d8@c2f2f01>
From: "James L. Troe" <troe@netcarrier.com>
To: Old Tube Radios <boatanchors@theporch.com>

Subject: Fw: Cutting Meter Holes
Date: Wed, 23 Oct 2002 12:14:59 -0400
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: "James L. Troe" <troe@netcarrier.com>
To: <boatanchors@theporch.com>
Sent: Wednesday, October 23, 2002 12:13 PM
Subject: Fw: Cutting Meter Holes

>
> ----- Original Message -----
> From: "James L. Troe" <troe@netcarrier.com>
> To: <broehrig@aurora.edu>
> Sent: Wednesday, October 23, 2002 12:00 PM
> Subject: Re: Cutting Meter Holes
>
>
> > A fly cutter can be found at any good hardware store or tool catalog.
They
> > work even better in a drill press at slow speed, and are safer that way.
> > Jim
> >
> >
> > ----- Original Message -----
> > From: "Bob Roehrig" <broehrig@aurora.edu>
> > To: "Old Tube Radios" <boatanchors@theporch.com>
> > Cc: "Old Tube Radios" <boatanchors@theporch.com>
> > Sent: Wednesday, October 23, 2002 11:52 AM
> > Subject: Re: Cutting Meter Holes
> >
> >
> > > On Wed, 23 Oct 2002, Merz Donald S wrote:
> > >
> > > > Question: How do you cut meter holes in panels, particularly
> heavy-gauge
> > > > steel? I sometimes have to do this for restoration work and I dread
> it.
> > > > I have been using my trusty saber-saw and blade-after-blade. Now I
> have
> > > > 3 more holes to cut in 2 steel panels and I really don't want to do
> it.
> > > > Is there a better way?

> > >
> > > I hate steel panels myself, but I use a device called a "fly cutter"
in
> a
> > > hand brace. Not sure who makes them.
> > >
> > >
> > >
> > > Bob Roehrig
> > > Aurora University Telecom/IS dept.
> > > broehrig@aurora.edu
> > > 73 de K9EUI
> > >
> > >
> > >
> >
>

End of BOATANCHORS Digest 3406
